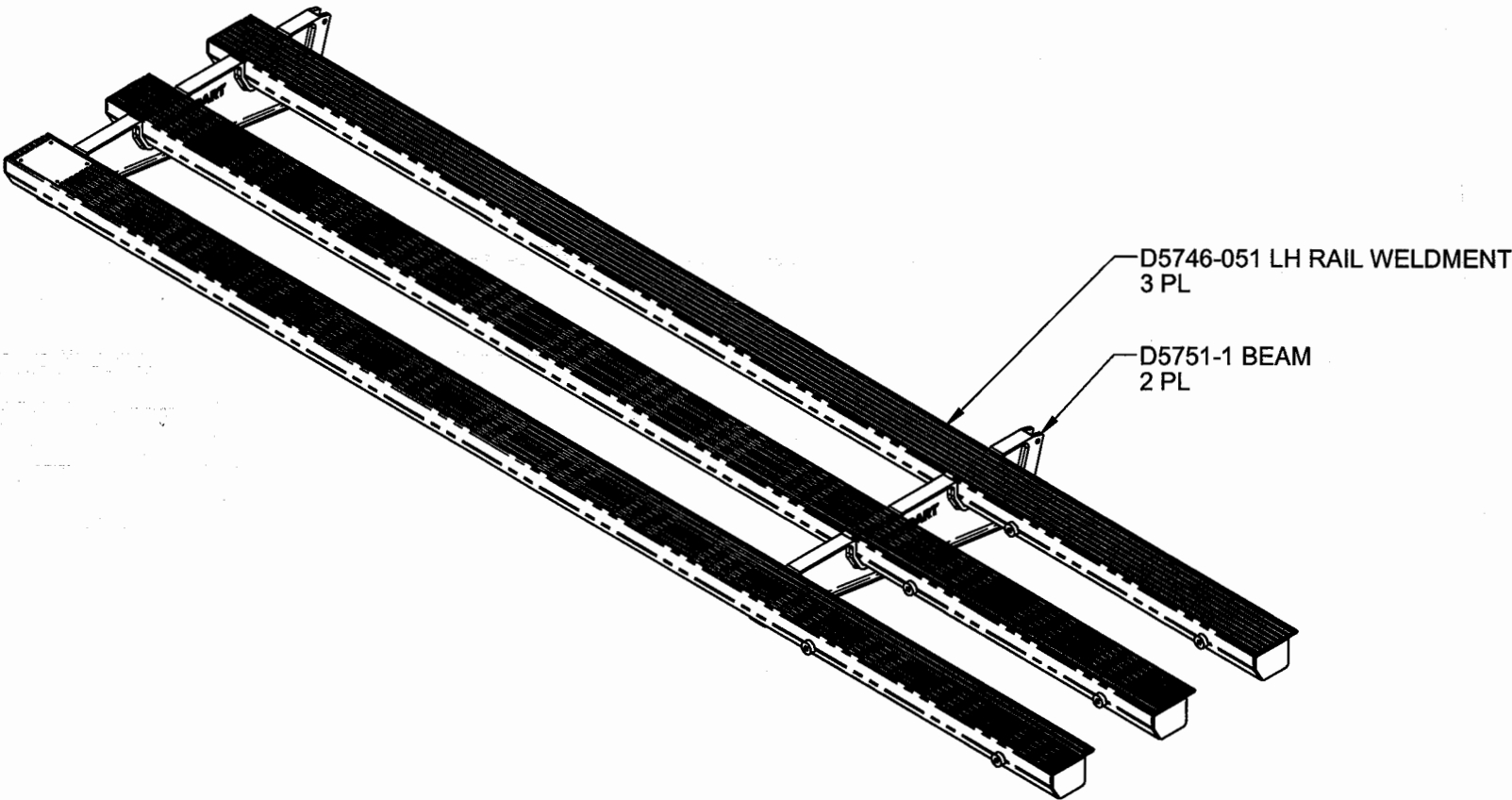


QTY -041	P/N	DESCRIPTION
X	D5746-041	LH RACK BASE
3	D5746-051	LH RAIL WELDMENT
2	D5751-1	BEAM



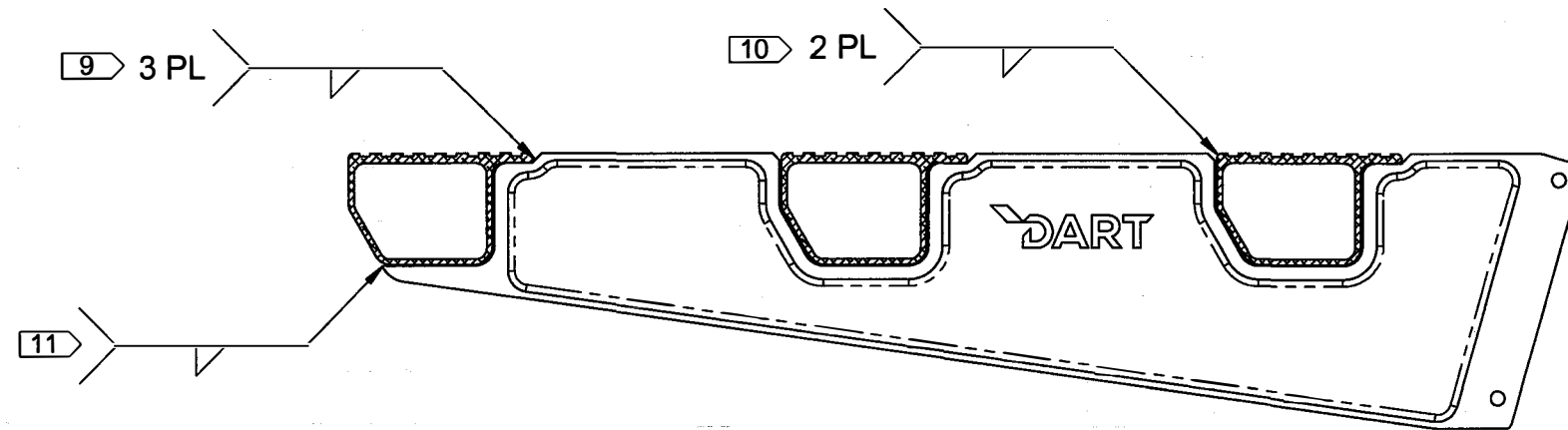
D5746-041 LH RACK BASE
(DERIVED FROM AERO DESIGN P/N 100215-01-01)

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: TOUCH UP CHEMICAL CONVERSION COAT WHERE REQUIRED PER DART QSI 005 SECTION 4.1
DO NOT SUBMERGE ASSEMBLY
WHITE GLOSS POWDER COAT PER DART QSI 005 SECTION 4.3
MASK ALL HOLES PRIOR TO POWDERCOAT
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 32.59 lbs
 - 8) WELD PER DART QSI 004
 - 9) WELD ALONG BACK OF FLANGE, UNDER FLANGE (BOTH SIDES), AND DOWN 0.50-0.75 (BOTH SIDES)
 - 10) WELD ACROSS TOP, AND 0.50-0.75 DOWN (BOTH SIDES)
 - 11) WELD ACROSS FRONT, AND 0.50-0.75 ALONG BOTTOM (BOTH SIDES)

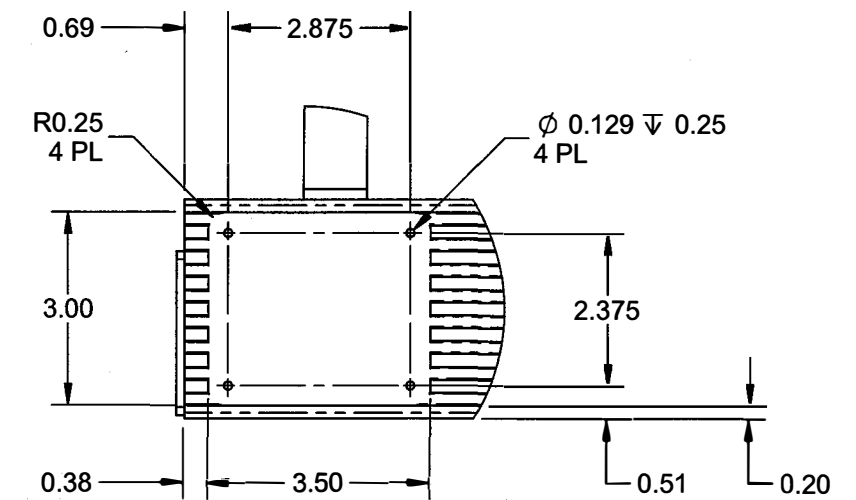
RELEASED
2020 MAR 02
ECN 2020-531

APPROVED

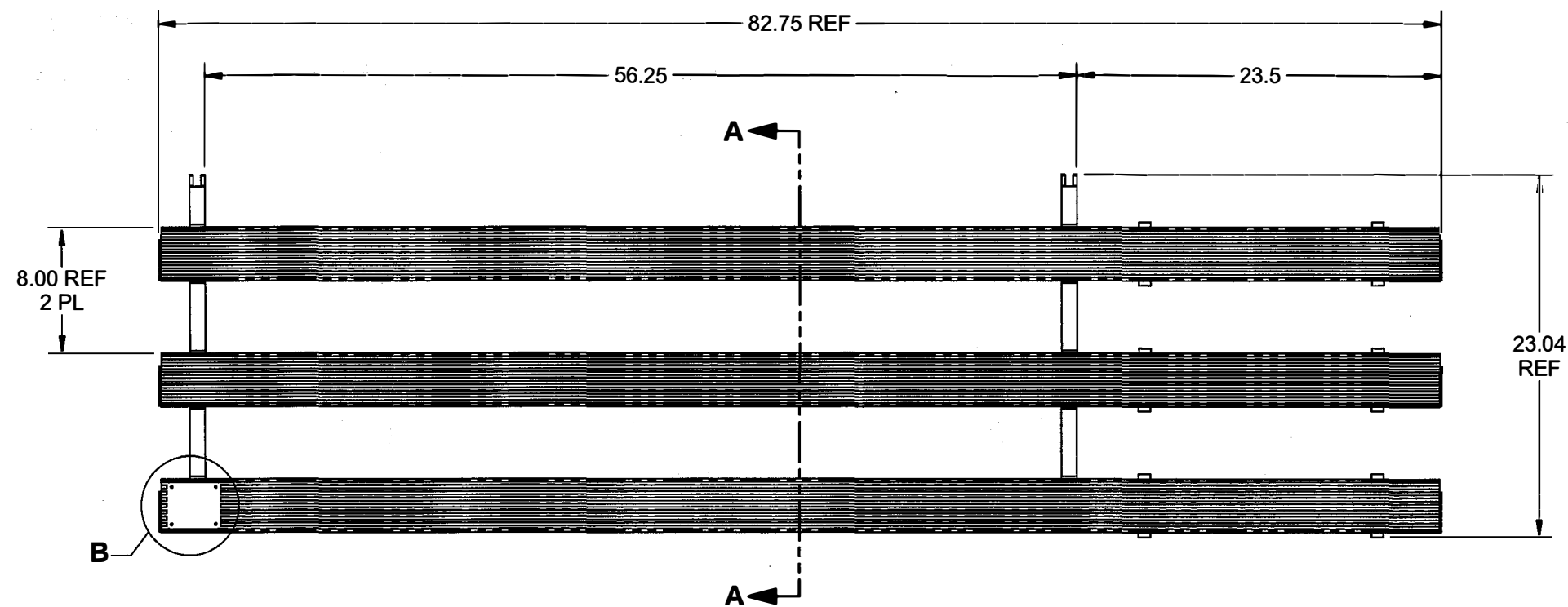
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REV.	DESCRIPTION		BY	DATE
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	KPT			
CHECKED	MW	DRAWING NO.		REV. A
MFG. APPR.	DD	D5746		SHEET 1 OF 8
APPROVED	NO	TITLE		SCALE
DE APPR.	DS	RACK BASE		NTS
DATE	19.12.18	COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		



SECTION A-A
2 PL



DETAIL B
(MACHINE POCKET 0.05 DEEP TO CLEAR RIDGES)



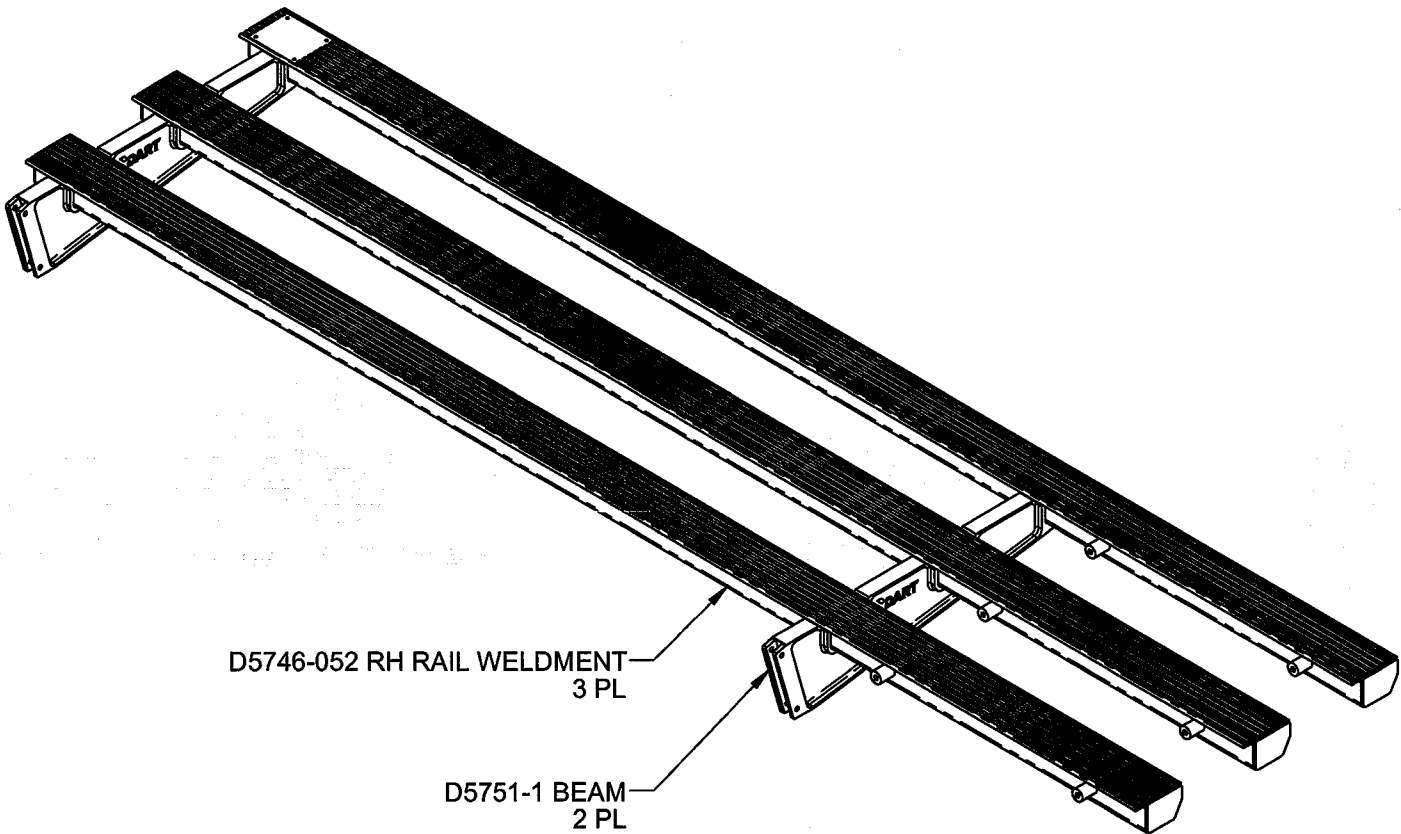
D5746-041 LH RACK BASE
(DERIVED FROM AERO DESIGN P/N 100215-01-01)

RELEASED
2020 MAR 02

APPROVED

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MW	DRAWING NO.	REV. A
MFG. APPR.	DD	D5746	SHEET 2 OF 8
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	RACK BASE	NTS
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QTY -042	P/N	DESCRIPTION
X	D5746-042	RH RACK BASE
3	D5746-052	RH RAIL WELDMENT
2	D5751-1	BEAM



D5746-042 RH RACK BASE
(DERIVED FROM AERO DESIGN P/N 100215-01-02)

- NOTES:
- 1) MATERIAL: NONE
 - 2) FINISH: TOUCH UP CHEMICAL CONVERSION COAT WHERE REQUIRED PER DART QSI 005 SECTION 4.1
DO NOT SUBMERGE ASSEMBLY
WHITE GLOSS POWDER COAT PER DART QSI 005 SECTION 4.3
MASK ALL HOLES PRIOR TO POWDERCOAT
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 32.59 lbs
 - 8) WELD PER DART QSI 004
 - 9) WELD ALONG BACK OF FLANGE, UNDER FLANGE (BOTH SIDES), AND DOWN 0.50-0.75 (BOTH SIDES)
 - 10) WELD ACROSS TOP, AND 0.50-0.75 DOWN (BOTH SIDES)
 - 11) WELD ACROSS FRONT, AND 0.50-0.75 ALONG BOTTOM (BOTH SIDES)

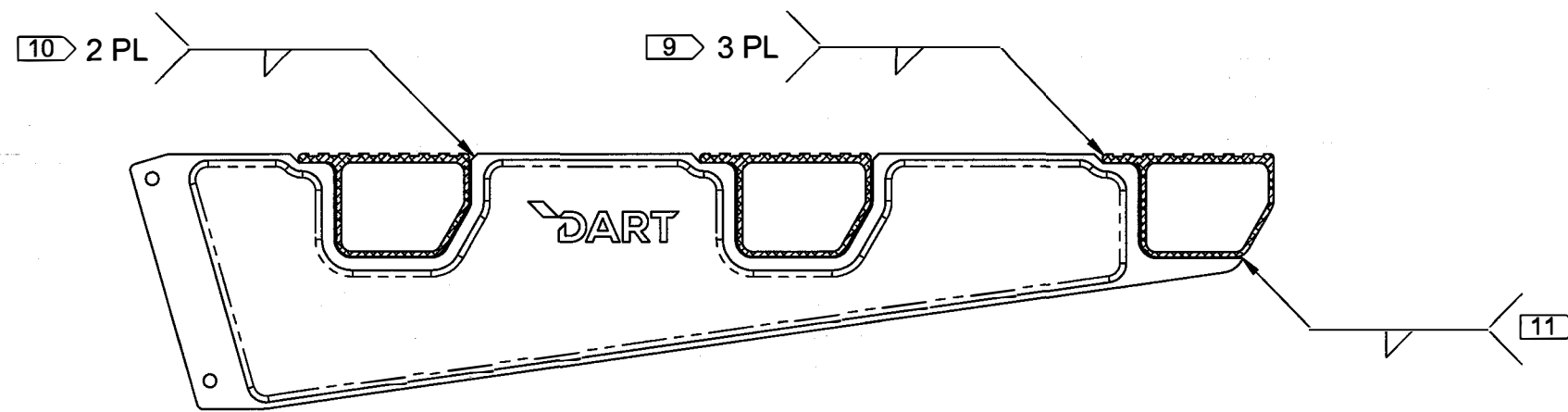
RELEASED
2020 MAR 02

APPROVED

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DRAWN	KPT		
CHECKED	MW	DRAWING NO. D5746	REV. A
MFG. APPR.	DD	SHEET 3 OF 8	
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	RACK BASE	NTS
DATE	19.12.18	COPYRIGHT © 2019 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

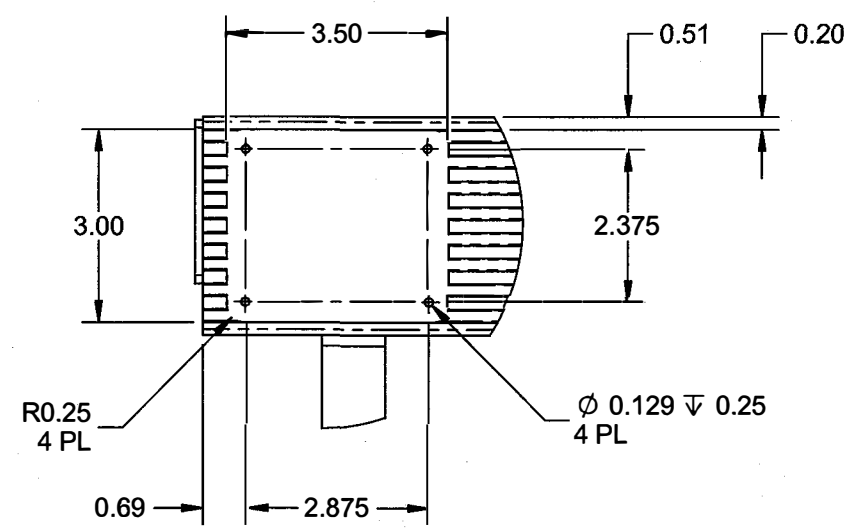
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D



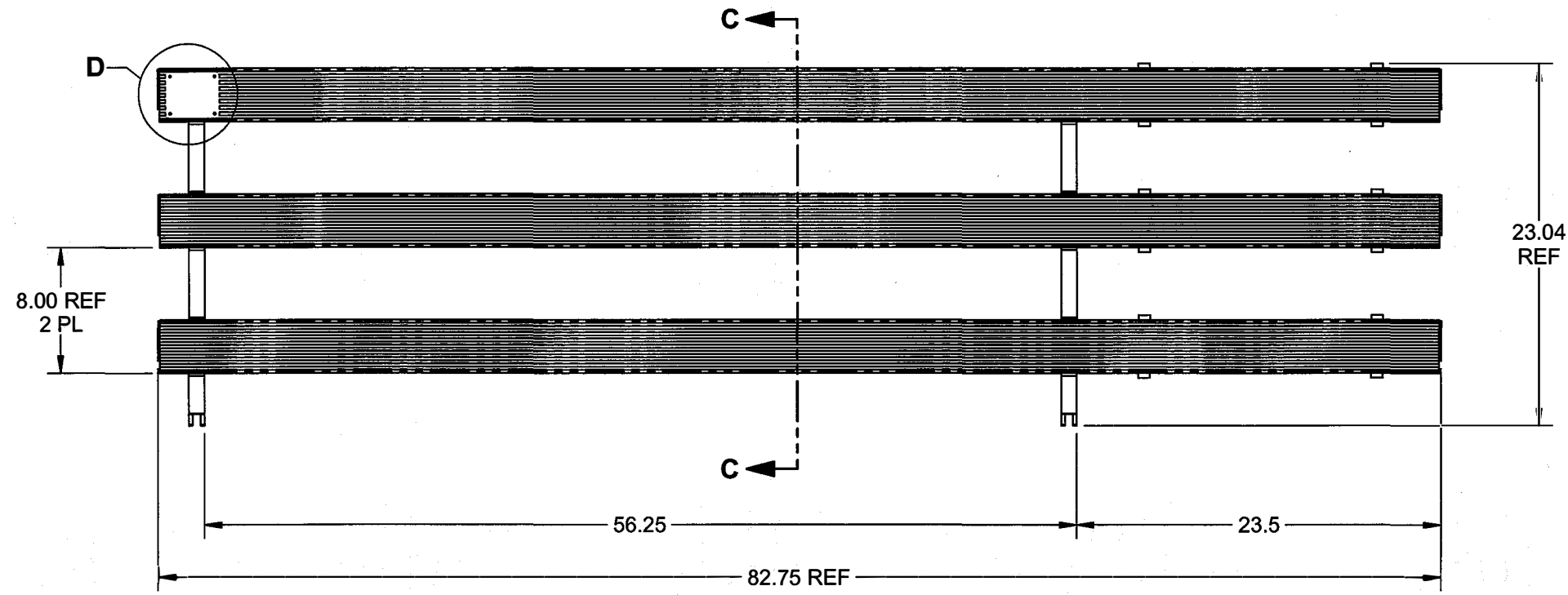
SECTION C-C
2 PL

C



DETAIL D
(MACHINE POCKET 0.05 DEEP TO CLEAR RIDGES)

B



D5746-042 RH RACK BASE
(DERIVED FROM AERO DESIGN P/N 100215-01-02)

A

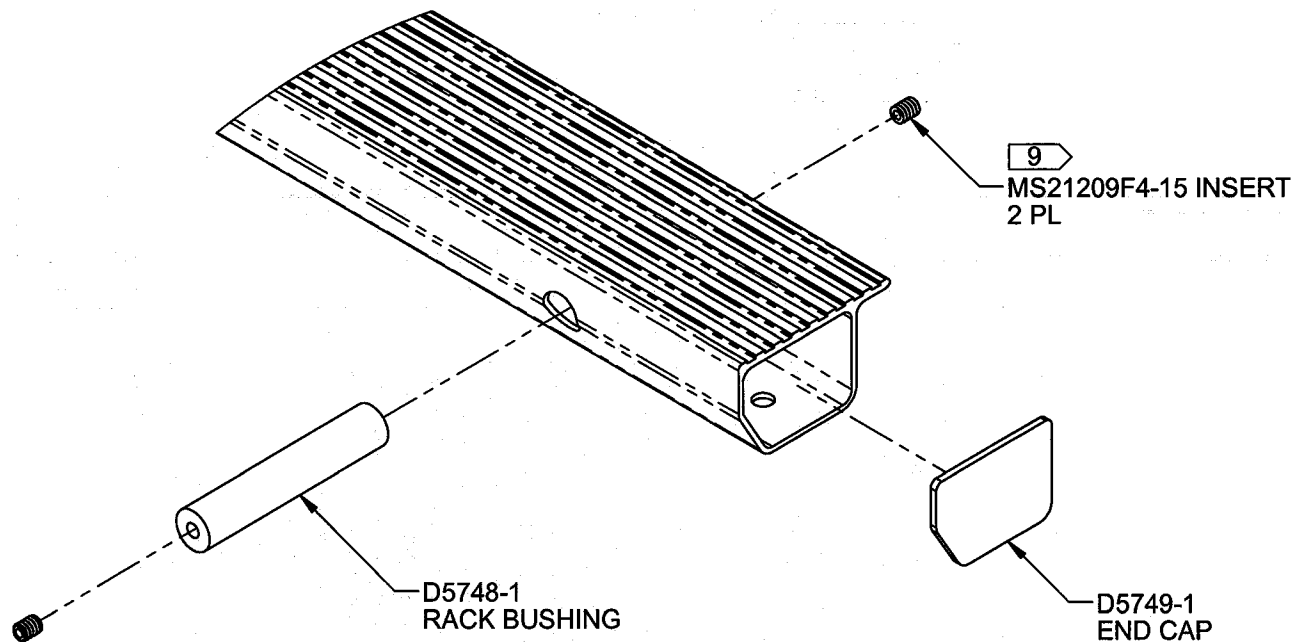
RELEASED
2020 MAR 02

APPROVED

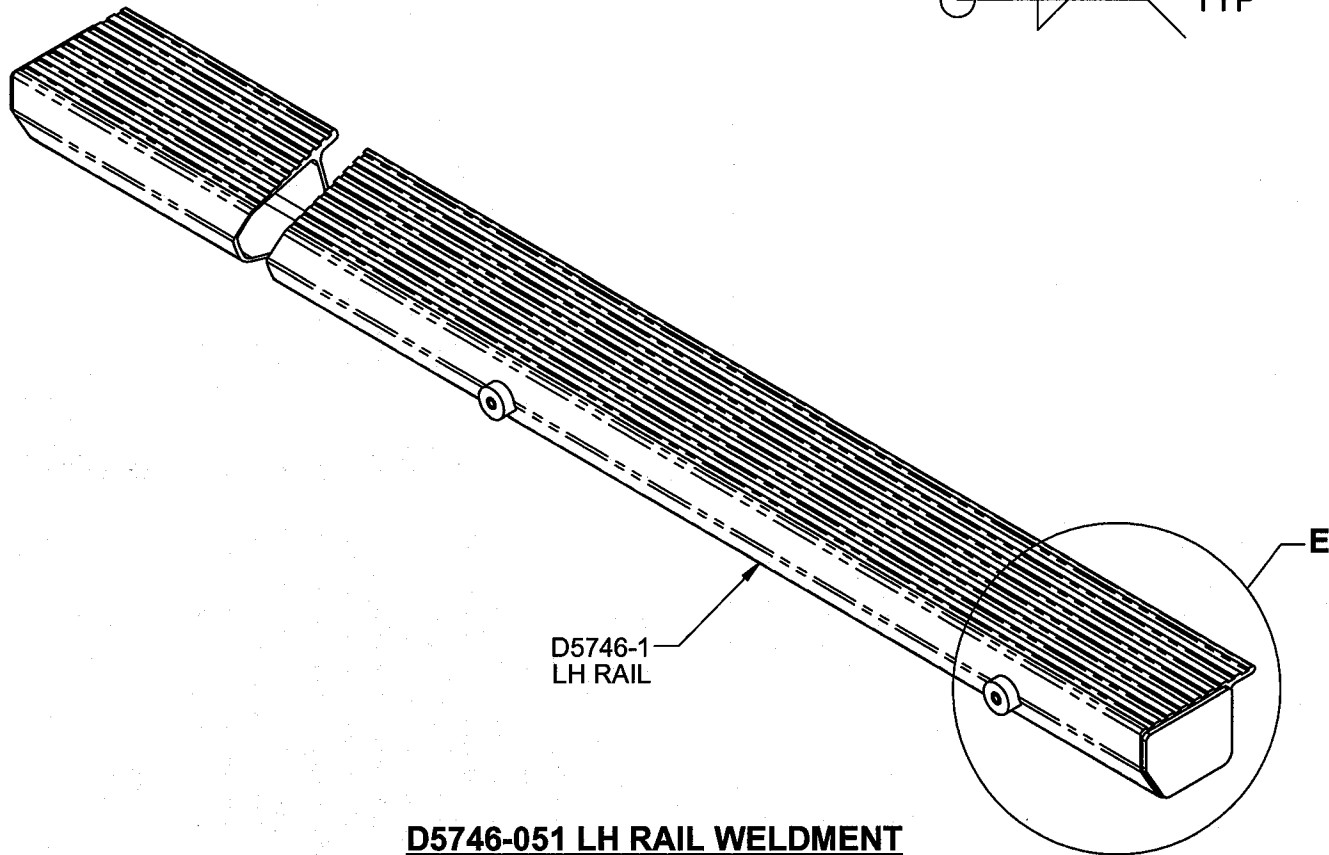
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DRAWN	KPT		
CHECKED	MW	DRAWING NO.	REV. A
MFG. APPR.	DD	D5746	SHEET 4 OF 8
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	RACK BASE	NTS
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8 7 6 5 4 3 2 1

QTY -051	P/N	DESCRIPTION
X	D5746-051	LH RAIL WELDMENT
1	D5746-1	LH RAIL
2	D5748-1	RACK BUSHING
2	D5749-1	END CAP
4	MS21209F4-15	INSERT, SCREW THREAD, SCREW LOCKING



DETAIL E
2 PL



D5746-051 LH RAIL WELDMENT
(DERIVED FROM AERO DESIGN P/N 100215-03)

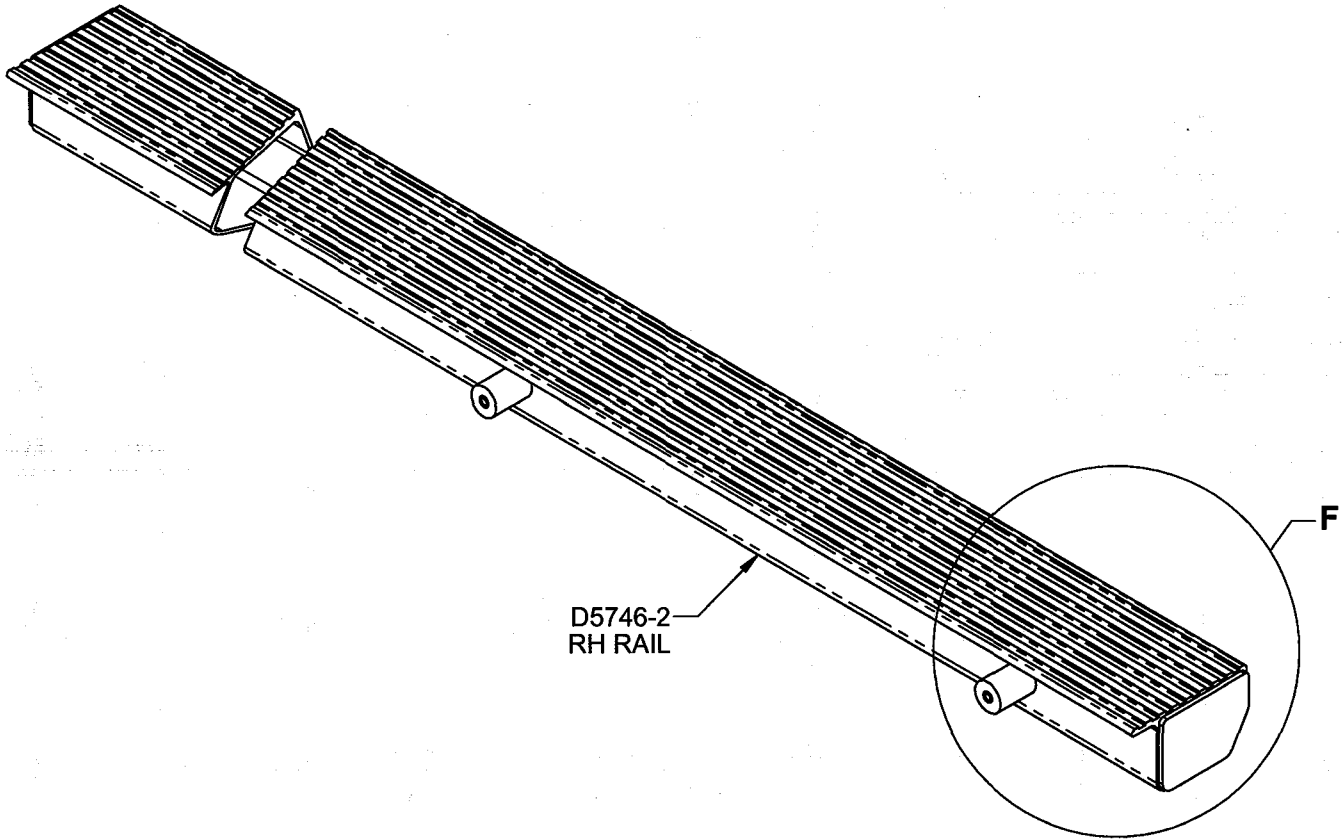
- NOTES:
- 1) MATERIAL: NONE
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 9.23 lbs
 - 8) WELD PER DART QSI 004
 - 9) INSTALL MS21209F4-15 INSERT AFTER CHEMICAL CONVERSION COAT

RELEASED
2020 MAR 02 *MD*

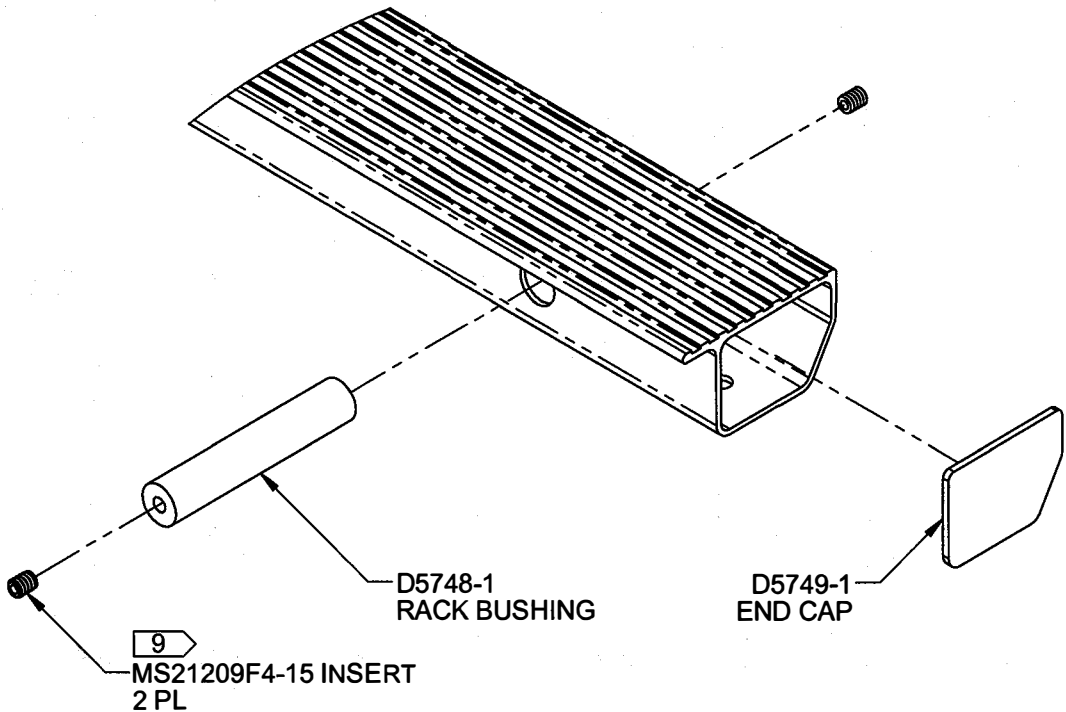
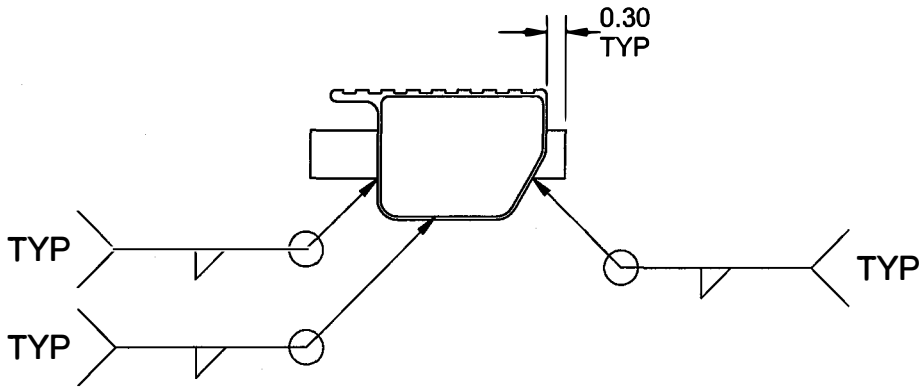
APPROVED

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MW	DRAWING NO.	REV. A
MFG. APPR.	DD	D5746	SHEET 5 OF 8
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	RACK BASE	NTS
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QTY -052	P/N	DESCRIPTION
X	D5746-052	RH RAIL WELDMENT
1	D5746-2	RH RAIL
2	D5748-1	RACK BUSHING
2	D5749-1	END CAP
4	MS21209F4-15	INSERT, SCREW THREAD, SCREW LOCKING



D5746-052 RH RAIL WELDMENT
(DERIVED FROM AERO DESIGN P/N 100215-04)



DETAIL F
2 PL

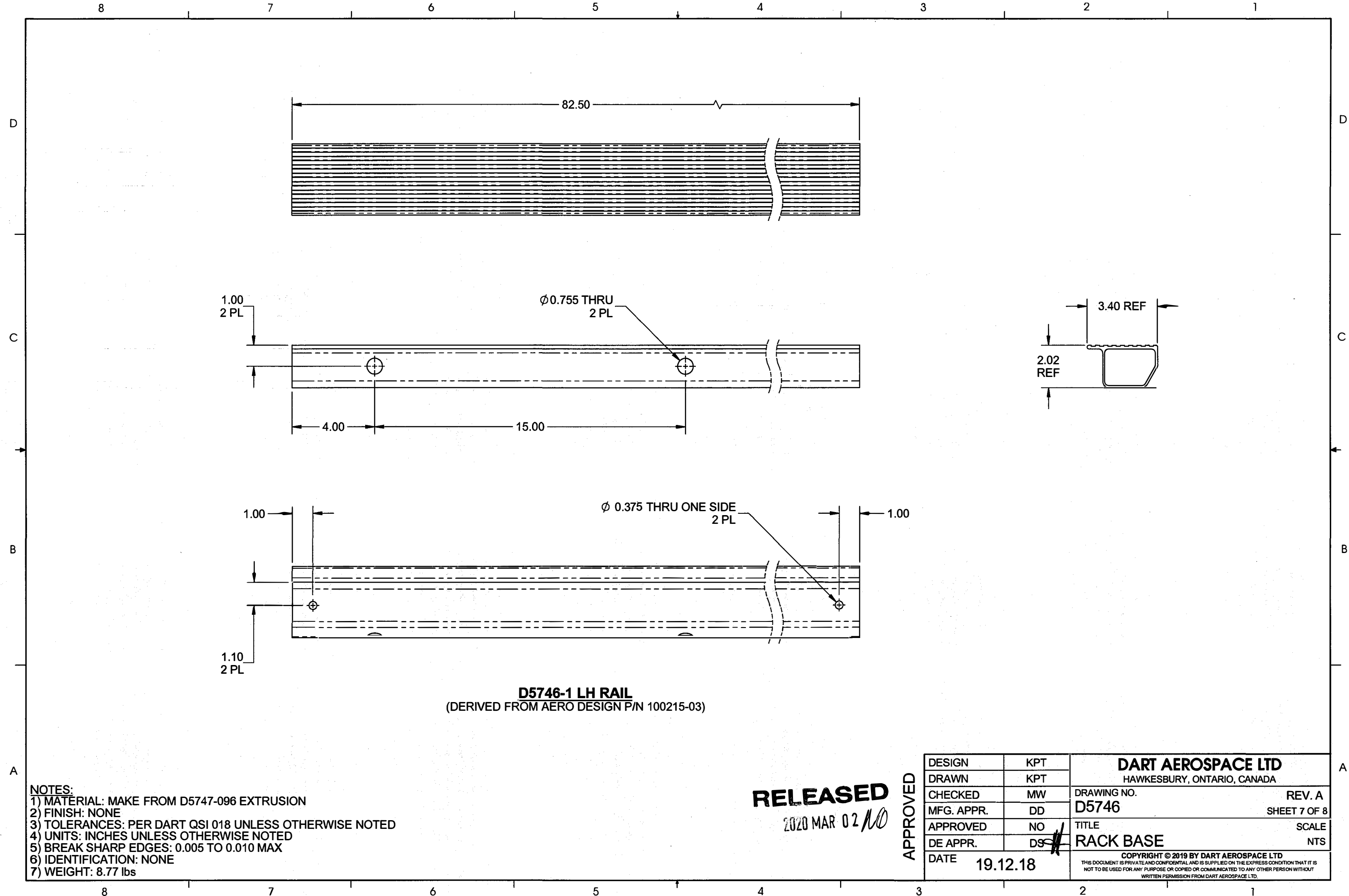
- NOTES:
- 1) MATERIAL: NONE
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 9.23 lbs
 - 8) WELD PER DART QSI 004
 - 9) INSTALL MS21209F4-15 INSERT AFTER CHEMICAL CONVERSION COAT

RELEASED
2020 MAR 02

APPROVED

DESIGN	KPT
DRAWN	KPT
CHECKED	MW
MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	19.12.18

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D5746	REV. A SHEET 6 OF 8
TITLE RACK BASE	SCALE NTS
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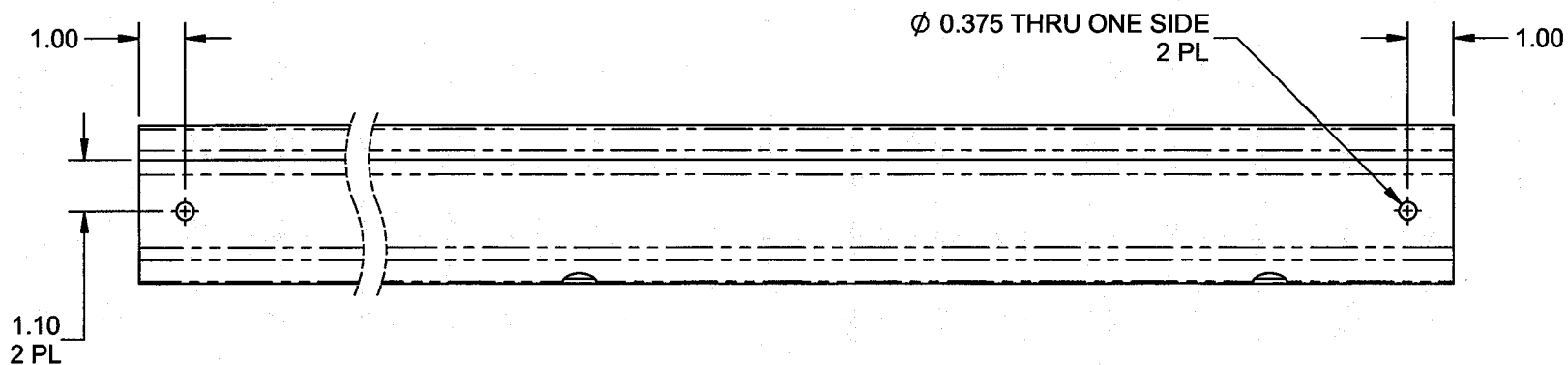
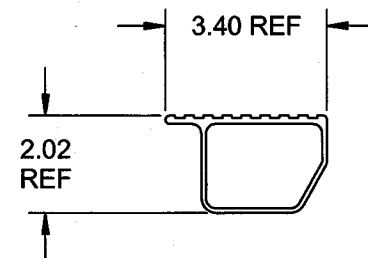
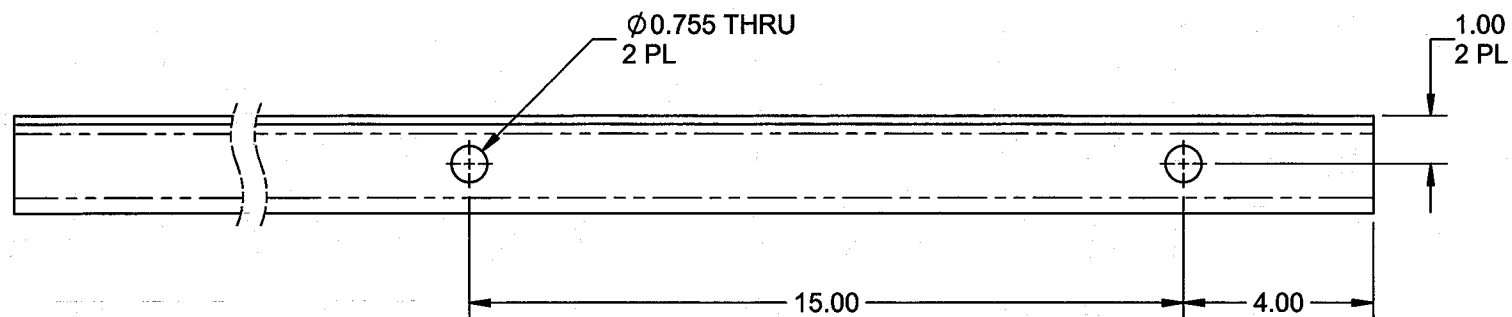
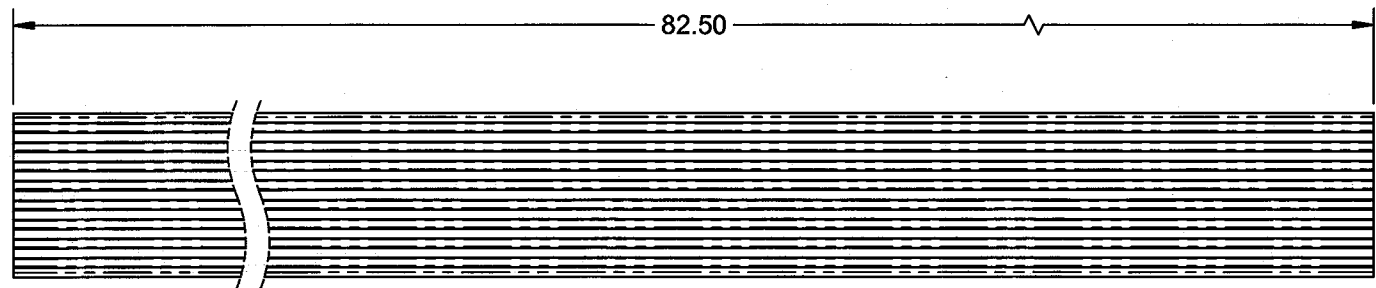


- NOTES:
- 1) MATERIAL: MAKE FROM D5747-096 EXTRUSION
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 8.77 lbs

RELEASED
2020 MAR 02

APPROVED

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MW	DRAWING NO. D5746	REV. A SHEET 7 OF 8
MFG. APPR.	DD	TITLE RACK BASE	SCALE NTS
APPROVED	NO		
DE APPR.	DS		
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D5746-2 RH RAIL
(DERIVED FROM AERO DESIGN P/N 100215-04)

- NOTES:**
- 1) MATERIAL: MAKE FROM D5747-096 EXTRUSION
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 8.77 lbs

RELEASED
2020 MAR 02

APPROVED

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MW	DRAWING NO.	REV. A
MFG. APPR.	DD	D5746	SHEET 8 OF 8
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	RACK BASE	NTS
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